

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-26 14:34:58
 Date of Next Testing: 2029-08-25 14:34:58
 Product Name: **Methyl- β -D-galactopyranoside**
 CAS Number: 1824-94-8
 Specifications & Purity: $\geq 98\%$
 Lot #: A1802029
 SKU #: **M120876**
 Version: **2**
 Analysis #: **559412**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	42.4-44.2 (%)	43.24000 %
Specific Rotation $[\alpha]_{20/D(c=1.5 \text{ in MeOH})}$	-18--15 (°)	-16.50000 °
Purity(HPLC area)	98-100 (%)	99.50000 %
Appearance (M120876)	white to white with a light yellow cast powder	white to white with a light yellow cast powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager